

2834
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AMENDMENT TRANSMITTAL LETTER

Docket No.
O3020.0288/P288Application No.
10/032,463-Conf. #6604Filing Date
January 2, 2002Examiner
T. DoughertyArt Unit
2834

Applicant(s): Nobuaki Omata, et al.

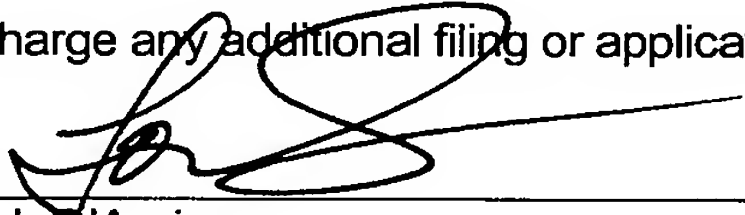
Invention: ACTUATOR AND METHOD OF MANUFACTURING A STRAIN ELEMENT

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	40	- 39 =	1	X 18.00	18.00
Independent Claims	20	- 19 =	1	x 84.00	84.00
Multiple Dependent Claims (check if applicable) <input checked="" type="checkbox"/>					
Other fee (please specify): Extension for response within first month					110.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					212.00

☒ Large Entity☐ Small Entity☐ No additional fee is required for this amendment.☐ Please charge Deposit Account No. _____ in the amount of \$ _____.
A duplicate copy of this sheet is enclosed.☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.☒ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge and credit Deposit Account No. 04-1073
as described below. A duplicate copy of this sheet is enclosed.☒ Credit any overpayment.☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.
Thomas J. D'Amico
Attorney Reg. No.: 28,371Dated: May 30, 2003DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP
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Docket No.: O3020.0288/P288
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Nobuaki Omata, et al

Application No.: 10/032,463

Group Art Unit: 2834

Filed: January 2, 2002

Examiner: T. Dougherty

For: ACTUATOR AND METHOD OF
MANUFACTURING A STRAIN ELEMENT

AMENDMENT

Box Non-Fee Amendment
Commissioner for Patents
Washington, DC 20231

Dear Sir:

In response to the Office Action dated January 30, 2003 (Paper No. 8), please amend the above-identified U.S. patent application as follows:

In the Claims

1. (Amended) An actuator provided with a strain element having a property of a piezoelectric inverse effect, wherein:

the strain element is wound like a coil, and electrodes are formed on an inner circumferential surface and an outer circumferential surface, wherein said electrodes have a width narrower than said strain element.

2. (Amended) An actuator provided with a strain element having a property of a piezoelectric inverse effect, wherein:

the actuator includes a metal coil wound like a coil;